



State of Utah

DEPARTMENT OF TRANSPORTATION

JOHN R. NJORD, P.E.
Executive Director

CARLOS M. BRACERAS, P.E.
Deputy Director

JON M. HUNTSMAN, JR.
Governor

October 15, 2007

GARY R. HERBERT
Lieutenant Governor

TO ALL BIDDERS CONCERNED:

SUBJECT:

F-I15-7(257)100
I-15 & 5300 South Interchange Landscaping, Murray City
Addendum Number: 1

To Whom It May Concern:

We are submitting the following changes to the subject project.

1. The Bid Opening has been revised. The Bid Opening date has been changed from October 16, 2007 to **October 23, 2007**.

EBS requires you to change the "Bid Date" on your "Project Item Bid Detail" window. If you do not change the date, your bid will not be downloaded for "Bid Opening".

2. Special Provision 02812M "Pressurized Irrigation Systems" has been revised.
3. Special Provision 02939S "Existing Landscape Enhancements" has been revised.
4. Special Provision 02948S "Landscape Stone" has been revised.
5. Plan Sheet LS-00 has been revised.

Please consider these revisions before submitting your bid.

***** DUE TO THE SIZE ONLY THE COVER LETTER WILL BE FAXED. *****

***** ADDENDUM IS AVAILABLE AND MAY BE DOWNLOADED FROM THE UDOT WEBSITE AT**
<http://www.udot.utah.gov/index.php?m=c&tid=317>

**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED WHEN YOU SUBMIT YOUR BID.
YOUR BID WILL BE DECLARED NON-RESPONSIVE IF YOU DO NOT ACKNOWLEDGE
THIS ADDENDUM.**

Sincerely,

UDOT Project Manager

Sincerely,

Pete Negus
Deputy Construction Engineer

Attach:

October 13, 2007

SPECIAL PROVISION

PROJECT # F-I15-7(257)100

SECTION 02812M

PRESSURIZED IRRIGATION SYSTEMS

[section deleted]

Delete paragraph 2.2 A, B and C and replace with the following:

- A. Automatic Control Valve: Rainbird Plastic Electric Remote Control (PEB) series remote control valve assembly. Size, type and location as presented in drawings and details. Install per manufacturer's specifications.

Delete paragraph 2.4 A and B, and replace with the following:

- A. Automatic Controller: Rainbird Extra-Simple Programming (ESP) series controller assembly. Size, type and location as presented in drawings and details. Install per manufacturer's specifications.
- B. Central Control: Rainbird Cluster Control Unit (CCU). Size, type and location as presented in drawings and details. Install per manufacturer's specifications.

Delete paragraph 2.6 A, B, C, D, and E and replace with the following:

- A. Pop-up Spray Head: Rainbird 1812 pop-up spray head assembly. Size, type and location as presented in drawings and details. Install per manufacturer's specifications.

Delete paragraph 2.7 A and B and replace with the following:

- A. Fixed Spray: Hunter Matched Precipitation (MP) Rotator spray head. Size, type and location as presented in drawings and details. Install per manufacturer's specifications.

SPECIAL PROVISION

PROJECT # F-I15-7(257)100

SECTION 02939S

EXISTING LANDSCAPE ENHANCEMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Marking limits of existing plant material to be pruned, trimmed or removed.
- B. Existing plant material protection.

PART 2 EXECUTION

2.1 EXISTING LANDSCAPE PROTECTION

- A. Contractor shall become familiar with landscape enhancement areas by visually inspecting the site and shall be responsible for the following work items:
 - 1. Removal of dead plant material.
 - 2. Pruning plant material that requires the removal of dead limbs.
 - 3. Pruning required in order to regain natural tree canopy shape or form.
 - 4. Application of herbicide to, or hand removal of, weed species.
 - 5. Removal of trash material.

Prior to any existing landscape pruning, trimming or removal, the contractor shall schedule and participate in a walk-through with the UDOT Landscape Architect and a city of Murray representative to mark/tag trees, shrubs, grasses and other vegetation to be pruned, trimmed or removed. Contractor shall use a marking method of varying colors to identify the task to be performed.

- B. Landscape protection areas of trees, shrubs and grasses designated in the walk-through with the UDOT Landscape Architect and the city of Murray representative to be protected shall remain untouched and unharmed.

- C. Construction activities in landscape protection areas are prohibited without prior approval of the UDOT Landscape Architect. No chemicals shall be applied or used around or near these areas that would cause detriment to the vegetation.
- D. Contractor shall clearly mark the landscape protection area via stakes, paint, flagging tape or other approved method and be field verified by the UDOT Landscape Architect before construction begins.

2.2 EXISTING LANDSCAPE REMOVAL

- A. Removal of existing landscape shall only occur on those specimens identified in the walk-through for such treatment.
- B. The contractor shall perform all work in such a manner that the least environmental damage will result.

2.3 EXISTING LANDSCAPE TRIMMING/PRUNING

- A. Branches that are weak or dead shall be removed.
- B. Any trimming/pruning done shall be done in accordance with good pruning practices.
- C. Trees and shrubs shall be pruned to make them shapely, symmetrical and typical of the natural form of the species being pruned.
- D. Do not remove branches that will deform the appearance of the tree or shrub.
- E. Pruning and trimming shall only occur on those specimens identified in the walk-through for such treatment.

END OF SECTION

SPECIAL PROVISION

PROJECT # F-I15-7(257)100

SECTION 02948S

LANDSCAPE STONE

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Furnish and place landscape boulders.
- B. Furnish and place rock mulch.
- C. Furnish and place rock cobble.

PART 2 PRODUCTS

2.1 LANDSCAPE BOULDER

- A. Obtain boulders from a quarry. Boulders to be in range of reds and pinks. Small amounts of yellow or orange coloring is allowable, but the boulders must be predominantly red and/or pink.
- B. Boulders are to be a minimum of 3 feet and a maximum of 4 feet in diameter. Use only boulders 3 to 4 feet in diameter.
- C. Region 2 Landscape Architect will visually inspect and approve boulders prior to placement.

2.2 ROCK MULCH

- A. 1-inch minimum diameter to 3-inch maximum diameter crushed aggregate with fines.
- B. Color shall be a mixture of blues and grays. Do not supply rocks in the red, pink, yellow or orange range.
- C. Provide sample to UDOT's Region Landscape Architect for approval before placement.

2.3 ROCK COBBLE

- A. 6-inch minimum diameter to 8-inch maximum diameter, well-graded, washed cobble.
- B. Mixture of reds and pinks. Small amounts of yellow or orange coloring is allowable, but the cobble must be predominantly red and/or pink.
- C. Rock cobble shall be crushed to specified size having jagged or angular edges. Rounded or smooth cobble will not be accepted.

PART 3 EXECUTION

3.1 BOULDERS

- A. Place boulders as identified on sheets LS-01 thru LS-09. Place the boulder so that a minimum of 1/3 of the boulder is below finished grade.
- B. Where possible, boulders should not be placed in a straight line. Clustering of boulders as shown on plans is encouraged.

3.2 ROCK MULCH

- A. Rock mulch is to be placed a minimum of 4 inches in depth over weed barrier geotextile fabric.

3.3 ROCK COBBLE

- A. Before placing rock cobble, obtain approval from the Engineer for final grading.
- B. Place rock cobble at locations indicated in the plan sheets.
- C. Rock cobble shall be placed over weed barrier geotextile fabric.
- D. Place and bed the stones, one against the other, and key together in a single layer. Fill irregularities between stones with suitable size stones rammed tightly into place.
- E. Provide an even, tight finished surface, true to the dimensions shown in the plans.

END OF SECTION

1. CERTAIN WRITERS AND FROM THE PROJECT ENGINEER ON ANY DEVIATION FROM THE PLANS OR SPECIFICATIONS AND ON ALL EQUAL MATERIAL SUBSTITUTES PRIOR TO PURCHASE AND INSTALLATION.
2. THE LANDSCAPE CONTRACTOR SHALL SUBMIT WELD CONTROL PLAN TO ENGINEER FOR APPROVAL BEFORE BEGINNING CONSTRUCTION.
3. PLANTING BEDS SHALL DRAIN PROPERLY TO PREVENT STANDING WATER FROM OCCURRING. CALL IMMEDIATELY DRAINING PLANTING AREAS (AS ENFORCED BY STANDING WATER) TO THE ATTENTION OF THE PROJECT ENGINEER BEFORE PLANTING.
4. EACH EACH PLANT TO GIVE THE MOST PLEASING LOOK AS SEEN FROM A LINE PERPENDICULAR TO THE TRAFFIC CONE FROM WHICH IT IS VIEWED.
5. LANDSCAPE PLANTING SHALL NOT TAKE PLACE ON SLOPES 1:1 AND STEEPER. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING PLANTING AND STEEP SLOPES. PLANTING THAT CONFLICTS SHALL BE ADJUSTED TO FLATTER SLOPES AS DIRECTED BY THE PROJECT ENGINEER.
6. IF IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT BLADE STAKES A MINIMUM OF 48 HRS. PRIOR TO ANY EXCAVATION (PHONE: 807-308-1105 OR 1-800-662-4111).
7. CONTRACTOR SHALL COORDINATE WITH UDOT REGION 2 LANDSCAPE ARCHITECT TO DEFINE THE EDGE OF EXISTING VEGETATION TO BE PROTECTED DURING CONSTRUCTION.
8. CONTRACTOR SHALL COORDINATE WITH UDOT REGION 2 LANDSCAPE ARCHITECT TO IDENTIFY EXISTING VEGETATION TO BE REMOVED OR PRUNED. SEE SPECIFICATION 020605 FOR FURTHER DESCRIPTION OF WORK TO BE PERFORMED.
9. CONTRACTOR SHALL STAKE OR PAINT CONCRETE MONUMENT STRIP AND SHURIM BED LAYOUT IN THE FIELD FOR PROJECT ENGINEER APPROVAL PRIOR TO BEGINNING WORK.
10. CONTRACTOR SHALL STAKE, PAINT, OR FLAG ALL PLANT MATERIAL LOCATIONS FOR APPROVAL PRIOR TO PLANTING. PLACE ONE FLAG OR MARK PER PLANT WITH PLANT NAME.
11. CONTRACTOR SHALL PROVIDE WEED BARRIERS FABRIC UNDER ROCK, CURB, COBBLE AREAS ONLY. AREAS WITH SHREDED BARK-MULCH WILL NOT HAVE WEED BARRIER FABRIC.
12. CONTRACTOR SHALL ZERO (0) DISTURBED AREA AFTER CONSTRUCTION USING SEED MAY SHOWN ON LE-03. CONTRACTOR SHALL ZERO (0) 4" DEPTH SHREDED BARK-MULCH ALL PLANT BED AREAS.

CONCRETE MONUMENT STRIP

STEEL EDGER

APPROXIMATE UNITS OF EXISTING VEGETATION TO BE EVALUATED FOR TRIMMING, PRUNING OR REMOVAL

PERENNIALS ORNAMENTAL GRASS

ROCK CORBLE

ROCK MULCH

PLANT NO. CONTAINER

BOLDER

MONUMENT SIGN

PLANT CALLOUT

QUANTITY

PLANT SYMBOL

PLANT SYMBOL	BOTANICAL NAME	COMMON NAME
SPURGE		
AC	AMORPHEA CANESCENS	LEADWAX
AM	ARONIA MLENDICARPA INDIGLOS BEAUTY	DOWAR BLACK CHERRY
CC	CYDOPHISTERS X CLANDONERIS THIRST CHOICE	FIRST CHOICE BLUE WEST SPIREA
CC	CYDOPHISTERS DAMMERI COSAL BEAUTY	CORAL BEAUTY THORNMASTER
FD	FORESTHIA GOLD TIDE	ARNOLO DWARF FORSTHIA
ISB	JUNIPERUS SABINA SCANDIA	SCANDIA JUNIPER
PA	PEROVSKIA ATRIPHYLLA	RUSSIAN SAGE
PC	PRUNUS X DITENA	PURPLE LEAF SAND CHERRY
PC	POTENTILLA FRUTICOSA GOLD PRINCE	GOLD PRINCES POTENTILLA
PS	POTENTILLA FRUTICOSA WICKETS WHITE	WHITE WICKETS POTENTILLA
PS	PRUNUS BURGUNDI RED	WHITE BURGUNDI PRUNE
RA	RIBES AROMA GREEN ROUND	GREEN ROUND APLINE CURRANT
RA	RIBES AROMA	WOODS ROSE
SNV	SPREA ANTONIA	GOLD FLAME SPIREA
SNV	SPREA ANTONIA GOLD LAME	SNOWMOUND SPIREA
ENB	SPREA NIPONICA SNOWMOUND	DWARF KOREAN LILAC
ENB	SYNKIA WINTERI	MICHIANA VIBURNUM
VL	VIBURNUM LANTANA MOH-CAN	BLUE AVERNA GRASSES
ORONMENTAL DOZIELES		
HB	HELECTROTROPION PERUVIENSIS	KARL FORSTERI FEATHER GRASS
PAF	CALAMAGOSTIS X ACUTILOMA KARL FORSTER	MOUNTAIN FOUNTAIN GRASS
PAF	PENSETIUM ALPECIGRUES WOLORY	
PERENNIALS		
AS	ASTER AUREUS	ALPINE ASTER
AS	AUSTRIA SYRIATIS	BRANGETT CLOD
CA	GALLIARIA PESTATA	STELLA DE GRON DANIEL X
HD	HEMEROCALLIS STELL DE GRON	SCARLET GLORE MALLOW
SC	SPINERALLUEZA COCCINEA	MAY NIGHT PURPLE SALVA
SC	SALVA NIPALAEA	

SEED NO	SPECIES NAME		BROADCAST SEED	
	BOTANICAL	COMMON	Percent of pure live seed per acre	Percent of max
1	<i>Elymus farctus</i> var. <i>farctus</i>	Stink Yellowgrass	4.00	17.50%
2	<i>Agropyron flagris</i> var. <i>induratus</i>	Stink Yellowgrass	2.50	11.25%
3	<i>Elymus farctus</i> var. <i>farctus</i>	Stink Yellowgrass	1.50	6.75%
4	<i>Elymus amurensis</i> "Stink"	Stink Yellowgrass	3.00	13.50%
5	<i>Elymus amurensis</i> "Stink"	Stink Yellowgrass	1.00	4.13
6	<i>Elymus amurensis</i> "Stink"	Stink Yellowgrass	1.00	4.13
7	<i>Phalaris amurensis</i>	Stink Yellowgrass	2.00	8.00%
8	<i>Phalaris amurensis</i>	Stink Yellowgrass	1.00	4.00%
9	<i>Phalaris amurensis</i> var. <i>induratus</i>	Stink Yellowgrass	1.50	6.75%
10	<i>Stachys arvensis</i>	Stink Yellowgrass	1.25	5.62%
	Total		22.75	100.00%

[illegible]